(54) Title: A DATA MERGE UNIT, A METHOD OF PRODUCING AN INTERLEAVED DATA STREAM, A NETWORK ANALYSER AND A METHOD OF ANALYSING A NETWORK
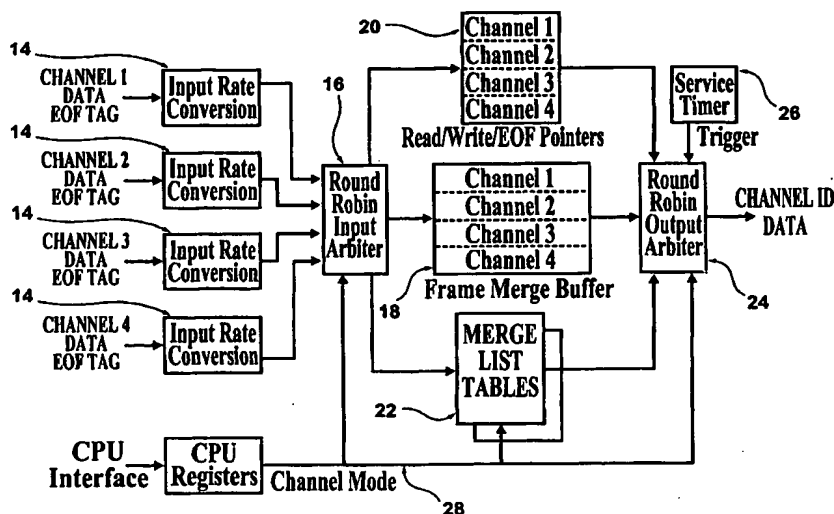
(57) Abstract: A data merge unit is provided for providing an interleaved data stream, the data stream including data frames received on two or more input channels, wherein data frames from each of the two or more input channels are arranged in time-slots of the interleaved data stream. The data merge unit comprises an input unit to receive data frames from two or more input channels, a frame merge buffer arranged to receive data frames from the two or more input channels via the input unit and store said data frames; and, an output generator to generate the interleaved data stream, the output generator being configured to select complete data frames from the frame merge buffer and arrange said complete data frames in the interleaved data stream.